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CONTRACT CERTIFICATE

SBR No. / 2016-17
EST.COST: 19.95 Lakhs
Dated: D 2434 Developmt of Works

NAME OF WORK: Construction of Frist floor office for AEE (Yeshwanthapur) At J P Park Swimming Pool parking Area in J P Park ward No-17.

A) Premeasurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Remarks
1	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3, with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges)Ready mixed Cement concrete for Beams, Columns, Staircase and Roof with M-30 (Cement-360 Kg/cum)							
	Frist Floor work							
	Column up to roof beam							
	CL1	2	0.30	0.45	3.50	0.95		
	CL2	1	0.30	0.60	3.50	0.63		
	CL3	10	0.30	0.45	3.50	4.73		
	CL4	1	0.30	0.45	3.50	0.47		
	CL5	1	0.30	0.45	3.50	0.47		
	CL6	2	0.30	0.45	3.50	0.95		
	CL7	2	0.20	0.45	3.50	0.63		
	CL8	1	0.30	0.45	3.50	0.47		
	CL9	2	0.20	0.45	3.50	0.63		
	CL10	1	0.20	0.45	3.50	0.32		
	For Frist Floor Beams							
	B1	1	18.55	0.23	0.60	2.56		
	B2	1	18.55	0.23	0.60	2.56		
	B3	1	1.95	0.23	0.60	0.27		
	B4	1	18.55	0.23	0.60	2.56		
	B5	2	7.40	0.23	0.60	2.04		
	B6	1	15.40	0.23	0.60	2.13		
	B7	1	15.40	0.23	0.60	2.13		
	B8	1	15.40	0.23	0.60	2.13		
	B9	2	12.20	0.23	0.60	3.37		
	B10	1	12.20	0.23	0.60	1.68		
	Roof slab	1	18.55	12.20	0.15	33.95		
		1	3.50	7.60	0.15	3.99		
	Stair Case Waste slab	2	4.90	1.35	0.15	1.98		
	Landing	1	2.90	1.90	0.15	0.83		
	Steps 1/2X LXB 1/2x	24	1.35	0.30	0.15	0.73		
	Lift wall	2	2.90	0.25	4.50	6.53		
		1	1.95	0.29	4.50	2.54		
						82.20		
	Deduction Slab	1	2.70	4.50	0.15	1.82		
						80.38		
					Limit	79.90		
					Total Qty	79.90		
					Qty Upto 125% of BOQ	48.59		
					Qty Beyound 125% of BOQ	31.31		
					Present Qty	79.90		

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Cate item 1 to (1)

EE (RR Nagar)

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
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CONTRACT CERTIFICATE

SBR No:

EST.COST: 19.95 Lakhs

Dated: 24.2.16 Development of Works

NAME OF WORK: Construction of Frist floor office for AEE (Yeshwanthapur) At J P Park Swimming Pool parking Area in J P Park ward No-17.

A) Premeasurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Remarks
2	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.							
	CL1 2Y16 and 2Y20							
	16mm rod for (2)	2			6.60	13.20		
	20mm rod (2)	6			6.60	39.60		
	CL2 6Y16 and 4Y20							
	16mm rod for	6			6.60	39.60		
	20mm rod for	4			6.60	26.40		
	CL3 6Y16							
	16mm rod for (10)	10x6			6.60	396.00		
	CL4 4Y16 and 6Y20							
	16mm rod for	4			6.60	26.40		
	20mm rod for	6			6.60	39.60		
	CL5 2Y12 and 6Y16							
	12mm rod for	2			6.60	13.20		
	16mm rod for	6			6.60	39.60		
	CL6 10Y16							
	16mm rod for	2x10			6.60	132.00		
	CL7 2Y12 and4Y16							
	12mm rod for	2x2			6.60	26.40		
	16mm rod for	2x4			6.60	52.80		
	CL8 6Y16							
	16mm rod for	2x6			6.60	79.20		
	CL9 6Y20							
	20mm rod for	2x6			6.60	79.20		
	CL10 4Y16							

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Remarks
	16mm rod for	4			6.60	26.40		
	For stirrups 8mm @20cm c/c							
	CL1 length =(0.550+0.25)x2 +0.30+0.05= 1.65m No s of stirups=6.0/0.20 =30	2						
	CL1	2x30	1.65			99.00		
	CL2	30	1.65			49.50		
		30	2.65			79.50		
	CL3	10x30	1.35			405.00		
	CL4	30	1.35			40.50		
		30	1.35			40.50		
	CL5	30	1.65			49.50		
	CL6	2x30	1.35			81.00		
		2x30	1.35			81.00		
	CL7	2x30	1.45			87.00		
	CL8	30	1.45			43.50		
	CL9	2x30	1.45			87.00		
	CL10	30	1.45			43.50		
	8mm stirups					**1186.50**		
	For Beams							
	For B1 5Y16	5	19.00			95.00		
	B2 4Y16,2Y12,2Y20							
	16mm	4	19.00			76.00		
	12mm	2	19.00			38.00		
	20mm	2	19.00			38.00		
	B3 2Y16,2Y12							
	16mm	2	1.95			3.90		
	12mm	2	1.95			3.90		
	B3 4Y16,2Y12							
	16mm	4	19.00			76.00		
	12mm	2	19.00			38.00		
	B5 6Y16							
	16mm	6	7.80			46.80		
	B6 6Y16							
	16mm	6	15.80			94.80		
	B7 5Y16							
	16mm	5	15.80			79.00		
	B8 2Y20,6Y16							

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CONTRACT CERTIFICATE

EST.COST

Dated: P2434 Dwdopm

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Remarks
	20mm	2	15.80			31.60		
	16mm	6	15.80			94.80		
	B9 2Y20,2Y12,4Y16							
	20mm	2	12.50			25.00		
	16mm	4	12.50			50.00		
	12mm	2	12.50			25.00		
	B10							
	16mm	4	12.50			50.00		
	12mm	4	12.50			50.00		
	Total stirups Nos 154/0.10 length = (0.17+0.40)x2 =1.20m							
	8mm stirups	1540	1.20			1848.00		
	Roof slab							
	Slab 12.50 X 19.00m							
	12mm Main bars @10cm C/C dixtrubution 10mm @15cm c/c. No of Bars =12.50/0.10 =125Nos ,3.0m/0.10 = 30 nos							
	Main Bars 12mm	125	19.00			2375.00		
	12mm	30	8.00			240.00		
	Spacing bars	375	1.80			675.00		
						3290.00		
	10nm Dist bars 19.0/0.15	127	12.50			1587.50		
	Stair case							
	Using 12mm Bars @10cm c/c							
	12 mm rod	15	5.40			81.00		
		30	4.00			120.00		
	Cross rods	60	1.45			87.00		
						288.00		
	For lift wall length 0f wall 7.95m using 12mm rods @ 10cm c/c 2 lines							
	12mm rods	2	80.00		4.50	720.00		
	10mm	2	45.00		7.95	715.50		
					Total Qty			

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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Triplicate

EST COST: 19.95 Lakhs

TMT Abstract

20mm	16mm	12mm	10mm	8mm	6mm
39.60	13.20	13.20	1587.50	1186.50	
26.40	39.60	26.40	715.50	1848.00	
39.60	396.00	38.00			
79.20	396.00	3.90			
38.00	26.40	38.00			
31.60	39.60	25.00			
25.00	132.00	3290.00			
	52.80	288.00			
	79.20	720.00			
	26.40				
	95.00				
	76.00				
	3.90				
	76.00				
	46.80				
	94.80				
	79.00				
	94.80				
	50.00				
	50.00				
279.40	1867.50	4429.30	2303.00	3034.50	0.00

20mm	279.40	2.40			670.56
16mm	1867.50	1.58			2950.65
12mm	4429.30	0.89			3942.08
10mm	2303.00	0.62			1427.86
8mm	3034.50	0.4			1213.80
					10204.95
					9588.48
Total					95.88
Total Qtl					68.03
BOQ Qty					27.86

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CONTRACT CERTIFICATE (works)

Dated: 24-3-

NAME OF WORK: Construction of Frist floor office for AEE (Yeshwanthapur) At J P Park Swimming Pool parking Area in J P Park ward No-17.

A) Premeasurements

Item No	Discription of Item	No	Length	Breadth	Qty	Unit	Remarks
3	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications.						
	Chajja Ground Floor	1	7.60	0.60	4.56	Sqm	
		1	3.00	0.60	1.80		
		1	2.00	0.60	1.20		
					7.56		
				Limit	7.50		
				Total Qty	7.50		

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NAME OF WORK: Construction of Frist floor office for AEE (Yeshwanthapur) At J P Park Swimming Pool parking Area in J P Park ward No-17.

A) Premeasurements

Item No	Discription of Item	No	Length	Depth	Qty	Unit	Remarks
6	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.						
	B1	2	18.55	0.40	14.84		
	B2	2	18.55	0.40	14.84		
	B3	2	1.95	0.40	1.56		
	B4	2	18.55	0.40	14.84		
	B5	2	7.40	0.40	5.92		
	B6	2	15.40	0.40	12.32		
	B7	2	15.40	0.40	12.32		
	B8	2	15.40	0.40	12.32		
	B9	2	12.20	0.40	9.76		
	B10	2	12.20	0.40	9.76	Sqm	
	Slab sides	2	18.55	0.15	5.57		
		2	12.20	0.15	3.66		
		2	3.20	0.15	0.96		
					118.67		
				Limit	113.40		
	Total Qty				**113.40**		
	Qty Upto 125% of BOQ				**81.74**		
	Qty Beyound 125% of BOQ				**31.66**		
	Present Qty				**113.40**		

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NAME OF WORK: Construction of Frist floor office for AEE (Yeshwanthapur) At J P Park Swimming Pool parking Area in J P Park ward No-17.

A) Premeasurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Remarks
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton.							
	Stair Case	2	4.60	1.35		6.21	Sqm	
	Sides	2	4.60		0.30	2.76		
	Steps	24	1.35		0.30	9.72		
		1	3.0		1.50	4.50		
	lift door side	4	0.6		3.50	8.40		
		1	2.0		0.45	0.90		
						32.49		
					Limit	31.98		
	Total Qty					**31.98**		
	Present Qty					**31.98**		

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CONTRACT CERTIFICATE

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Dated: ...

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NAME OF WORK: Construction of Frist floor office for AEE (Yeshwanthapur) At J P Park Swimming Pool parking Area in J P Park ward No-17.							
A) Premeasurements							
Item No	Discription of Item	No	Length	Breadth	Qty	Unit	Remarks
8	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2						
	Chajja Ground Floor	1	7.60	0.60	4.56		
		1	3.00	0.60	1.80		
		1	2.00	0.60	1.20	Sqm	
					7.56		
	Total Qty				**7.50**		

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
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NAME OF WORK: Construction of Frist floor office for AEE (Yeshwanthapur) At J P Park Swimming Pool parking Area in J P Park ward No-17.							
A) Premeasurements							
Item No	Discription of Item	No	Length	Depth	Qty	Unit	Remarks
10	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding,						
	Toilet Partetion wall	4	1.7	3.50	23.80		
	Ramp side	1	2.00	5.90	11.80		
		1	5.90	3.50	20.65		
					56.25		
	Deducton						
	Doors	4	0.75	2.10	6.30		
				Net	49.95	Sqm	
				Limit	**49.00**		
	Total Qty				**49.00**		
	Qty Upto 125% of BOQ				**4.54**		
	Qty Beyound 125% of BOQ				**44.46**		
	Present Qty				**49.00**		

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